

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1991	(313/495-497).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/30 09:14
S2	2	("5729087") or ("5600203").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/28 16:21
S4	17	("20040110866"   "20040130045"   "3792308"   "5469019"   "5757138"   "5783292"   "5882806"   "5965979"   "6087196"   "6252564"   "6307751"   "6395328"   "6402579"   "6416885"   "6420200"   "6422687"   "6607413").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/29 11:00
S10	11	("5315312"   "5361079"   "5430329"   "5543680"   "5612256"   "5760470"   "5766053"   "5766361"   "5871807"   "5910705"   "6172456").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/06 15:20
S11	5	("4857799"   "5015912"   "5216324"   "5223766"   "5408161").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/06 16:20
S12	1	("4678967").URPN.	USPAT	OR	OFF	2005/07/06 16:41
S13	997	emitter and ((control grid gate) adj electrode)and (terminal wiring (cathode adj lines)) and (hole aperture) and (frame sealing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/06 16:54
S14	0	emitter and ((control grid gate) adj electrode)and (terminal wiring (cathode adj lines)) and (hole aperture) and (frame sealing)	EPO; JPO; DERWENT	OR	ON	2005/07/06 16:54
S15	1	("6809475").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/07 09:51

## EAST Search History

S16	31	("20020006040"   "3581162"   "3763405"   "3875456"   "3886681"   "4255688"   "4271408"   "4467193"   "4473834"   "4703219"   "4851824"   "4878107"   "4893223"   "4935665"   "4975814"   "5084804"   "5119174"   "5218233"   "5289082"   "5515253"   "5594424"   "5709453"   "5959316"   "5962971"   "5998925"   "5999151"   "6068383"   "6331063"   "6409938"   "6521916"   "6599000").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/07 09:53
S17	4	("4168102"   "4603496"   "4628422"   "4742432").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/07 10:01
S18	93	((313/292,238).CCLS.)AND Emitter AND (GATE GRID (CONTROL ADJ ELECTRODE))	US-PGPUB; USPAT	OR	OFF	2005/07/08 10:17
S19	983	((313/309-311).CCLS.)AND Emitter AND (GATE GRID (CONTROL ADJ ELECTRODE))	US-PGPUB; USPAT	OR	OFF	2005/07/08 10:17
S20	163	313/495-497	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/24 13:29
S21	2260	(313/495-497).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/24 13:43
S22	22	(field adj (emitter emission)) and electrode and ((seal frame) with (cathode adj line))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/24 13:46
S23	1	("6958570").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/24 13:46
S24	4	("20040104655"   "5821689"   "6515415"   "6768255").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/24 13:47
S25	1282	display and cathode and anode and frame and shield	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 09:16
S26	55	((313/495-497).ccls.)and ((auxiliary shield) near3 electrode)and ((grid gate control) adj electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 12:19

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S27	46	((313/495-497).ccls.)and ((auxiliary shield) near3 electrode)and ((grid gate control) adj electrode) and @ad<"20030922"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 09:48
S28	10	("4293783"   "4737686"   "5565742"   "5592206"   "5847745"   "5907349"   "6002414"   "6147697"   "6191805"   "6329759").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 09:42
S29	31	((313/309-311,351,336).ccls.)and ((auxiliary shield) near3 electrode)and ((grid gate control) adj electrode) and @ad<"20030922"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 09:51
S30	28	((315/169.1,169.3).ccls.)and ((auxiliary shield) near3 electrode)and ((grid gate control) adj electrode) and @ad<"20030922"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 09:52
S31	0	((438/20).ccls.)and ((auxiliary shield) near3 electrode)and ((grid gate control) adj electrode) and @ad<"20030922"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 09:52
S32	9	((257/79).ccls.)and ((auxiliary shield) near3 electrode)and ((grid gate control) adj electrode) and @ad<"20030922"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 09:53
S33	29	((313/495-497).ccls.)and (cathode adj lines)and frame and ((grid gate control) adj electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 10:44
S34	426	((313/495-497).ccls.)and (cathode)and frame and ((grid gate control) adj electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 10:46
S35	344	((313/495-497).ccls.)and (cathode)and frame and ((grid gate control) adj electrode)and @ad<"20030922"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 10:50
S36	375	((313/495-497).ccls.)and (cathode)and (frame shield) and ((grid gate control) adj electrode)and @ad<"20030922"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 10:50
S37	4	("3787940"   "4047072"   "4223244"   "4516053").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 11:26
S38	2	("4626741").URPN	USPAT	OR	ON	2006/03/30 11:57

## EAST Search History

S39	246	(Display .ti.)and (cathode with (frame sealing shield)) and anode and ((gate grid control) adj electrode)and @ad<"20030922"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 12:03
S40	3	(Display .ti.)and ((cathode adj terminal)with (frame sealing shield)) and anode and ((gate grid control) adj electrode)and @ad<"20030922"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 12:03
S41	17	("4516053").URPN.	USPAT	OR	ON	2006/03/30 12:09
S42	2	("4666415").URPN.	USPAT	OR	ON	2006/03/30 12:14
S43	14	((313/485-486).ccls.)and ((cathode ) with (frame sealing))and (gate grid control) and @ad<"20030922"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/30 12:15
S44	3	("5568012").URPN.	USPAT	OR	ON	2006/03/30 12:16
S45	1840	((313/495-497).ccls.)and @ad<"20030922"	US-PGPUB; USPAT	OR	ON	2006/03/30 12:19